

03500.014089



PATENT

COLE
\$

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent of:

TAIKO MOTOI ET AL.

Appln. No.: 09/443,308

Filed: November 19, 1999

For: ELECTRON-EMITTING DEVICE
HAVING CARBON FILMS WITH A
PARTICULAR ORIENTATION,
ELECTRON SOURCE USING
ELECTRON-EMITTING DEVICE, AND
IMAGE FORMING APPARATUS

U.S. Patent No.: 6,917,146 B1

Issued: July 12, 2005

)
:
Examiner: Joseph L. Williams

)
:
Group Art Unit: 2879

)

:

)

:

)

:

)

:

)

:

)

:

)

August 28, 2006

Certificate
SEP 01 2006
of Correction

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

08/31/2006 MREKHE 00000107 6917146
01 FC:1811 100.00 UP

CERTIFICATE OF CORRECTION
UNDER RULES 322 AND 323

Sir:

08/31/2006 MREKHE 00000107 6917146

01 FC:1811

100.00 UP

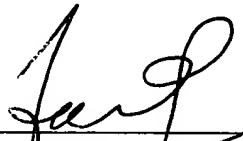
It is respectfully requested that a Certificate of Correction be issued by the Patent and Trademark Office due to errors which appear in the printed patent as a result of Patent and Trademark Office mistakes, and mistakes of a clerical, typographical, or minor character, which were not the fault of the Patent and Trademark Office. A Certificate of Correction form, in duplicate, is enclosed.

SEP 05 2006

Accompanying this letter is a check for \$100.00 to cover the statutory fee for such Certificate of Correction.

Patentees' undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our address given below.

Respectfully submitted,



Frank A. DeLucia
Attorney for Patentees
Registration No. 42,476

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
Facsimile: (212) 218-2200

544089v1

SEP 05 2006

Staple
Here
Only!

PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 6,917,146 B1

DATED : July 12, 2005

INVENTOR(S) : TAIKO MOTOI ET AL.

Page 1 of 10

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

ON COVER PAGE AT (30) FOREIGN APPLICATION PRIORITY DATA

"Feb. 22, 1999 (JP) 11-0142908" should read --Feb. 22, 1999 (JP) 11-042908--.

ON COVER PAGE AT (56) FOREIGN PAGENT DOCUMENTS

"EP 0 701 265 3/1996" should read --EP 0 701 265 A1 3/1996--; and

"JP 0 701 265 A1 3/1996" should be deleted.

COLUMN 1

Line 21, "emission", should read --Emission--;

Line 22, "thin-film field emission" should read --Thin-film Field Emission--;

Line 23, "cathodes with molybdenum cones" should read --Cathodes with Molybdenum Cones--; and

Line 26, "Mead", Operation" should read --Mead, "Operation--.

COLUMN 2

Line 5, "stable" should read --a stable--;

Line 7, "istics controllable on stable" should read --istics are controllable on a stable--;

Line 14, "being" should read --acting as--;

Line 15, "lighten" should read --cause--;

Line 21, "or" should read --or during--;

Line 25, "driving" should read --driving--;

Line 40, "circumstance," should read --circumstances,--;

Line 48, "Further" should read --Further,--; and

Line 66, "having." should read --being--.

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
(212) 218-2100 - Telephone
(212) 218-2200 - Facsimile

PATENT NO. US 6,917,146 B1

No. of add'l. copies
@ 30¢ per page



Staple
Here
Only!

PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,917,146 B1

DATED : July 12, 2005

INVENTOR(S) : TAIKO MOTOI ET AL.

Page 2 of 10

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 3

Line 8, "covers" should read --cover--;
Line 28, "stable" should read --a stable--;
Line 30, "excellent" should read --are excellent--;
Line 34, "stable" should read --a stable--;
Line 44, "example of" should read --example--;
Line 48, "of" should be deleted; and
Line 49, "manufacturing" should read --a manufacturing--.

COLUMN 4

Line 15, "of" should read --of an--;
Line 25, "manufacturing" should read --the manufacturing--;
Line 44, "of" should read --of an--;
Line 47, "of" (first occurrence) should read --of an--; and
Line 53, "drawings" should read --drawings,--.

COLUMN 5

Line 59, "of approximate" should read --approximately--.

COLUMN 6

Line 13, "of" should be deleted;
Line 14, "approximate" should read --approximately--;
Line 19, "to heating" should read --to the heating--;
Line 27, "having" should be deleted;
Line 52, "having" should be deleted; and
Line 56, "where" should read --where the--.

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
(212) 218-2100 - Telephone
(212) 218-2200 - Facsimile

PATENT NO. US 6,917,146 B1

No. of add'l. copies
@ 30¢ per page

OFFICE 4000



Staple
Here
Only!

PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,917,146 B1

DATED : July 12, 2005

INVENTOR(S) : TAIKO MOTOI ET AL.

Page 3 of 10

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 7

Line 12, "on" should read --of--;
Line 13, "having been" should be deleted;
Line 31, "having" should be deleted;
Line 38, "to the" should be deleted;
Line 60, "further long" should read --longer--; and
Line 47, "does" should read --do--.

COLUMN 8

Line 6, "is" should read --is a--;
Line 7, "rations that" should read --ration in which--;
Line 13, "the both" should read --both--;
Line 14, "parties" should read --parts--; and "doe" should read --do--;
Line 40, "are" should read --is--;
Line 46, "this" should be deleted;
Line 47, "length" should read --a length"; and
Line 65, "have" should read --has--.

COLUMN 9

Line 11, "have" should read --has--;
Line 26, "inconveniences" should read --inconvenience--;
Line 31, "is" should read --are--;
Line 43, "using for example" should read --using, for example,--; and
Line 46, "costly" should read --a cost--.

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
(212) 218-2100 - Telephone
(212) 218-2200 - Facsimile

PATENT NO. US 6,917,146 B1

No. of add'l. copies
@ 30¢ per page

Form PTO 1050 (Rev. 3-82)

544089v1

SEP 05 2005



Staple
Here
Only!

PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,917,146 B1
DATED : July 12, 2005
INVENTOR(S) : TAIKO MOTOI ET AL.

Page 4 of 10

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 10

Line 26, "of for" should read --of, for--;
Line 27, "example" should read --example,--; and "not-shown" should read --a not-shown--;
Line 29, "applying" should read --apply--;
Line 34, "continuous" should read --a continuous--;
Line 35, "having" should be deleted;
Line 36, "having" should be deleted;
Line 42, "of for example" should read --of, for example,--;
Line 43, "ten" should read --tens of--; and "from" should read --form--;
Line 45, "can be" should read --can also be--;
Line 52, "for" should read --for the--;
Line 55, "resistant" should read --resistance--;
Line 57, "resistant" should read --resistance--;
Line 61, "form" should read --forms--;
Line 66, "acrylonitrile" should read --acrylonitrile,--; and
Line 67, "to" should be deleted.

COLUMN 11

Line 57, "possible, but heating" should read --possible. Heating--; and
Line 67, "processing" should read --processing,--.

COLUMN 12

Line 4, "feature" should read --features--;
Line 7, "etc. which absorbed" should read --etc., which is absorbed--;
Line 14, "is applicable" should be deleted;
Line 53, "drawing having schematically shown" should read --graph showing--; and
Line 64, "istic" should read --istics--.

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
(212) 218-2100 - Telephone
(212) 218-2200 - Facsimile

PATENT NO. US 6,917,146 B1

No. of add'l. copies
@ 30¢ per page

Form PTO 1050 (Rev. 3-82)

544089v1

SEP 05 2005



Staple
Here
Only!

PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,917,146 B1

DATED : July 12, 2005

INVENTOR(S) : TAIKO MOTOI ET AL.

Page 5 of 10

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 13

Line 51, "considering" should read --considering the--;
Line 53, "to" should be deleted;
Line 54, "micro meter" should read --micrometer--; and
Line 65, "in only the point" should read --only--.

COLUMN 14

Line 15, "ends each" should read --ends to each--; and
Line 65, "the both" should read --both--.

COLUMN 15

Line 5, "and," should read --and--; and "espe-" should be deleted;
Line 6, "cially" should be deleted;
Line 20, "from for example" should read --from, for example,--;
Line 47, "is" should read --are--;
Line 51, "to" should be deleted;
Line 54, "electron" should read --an electron--; and "emitted a" should read --emitted, a--;
and
Line 62, "source" should read --sources--.

COLUMN 16

Line 22, "thus" should be deleted;
Line 23, "unnecessary" should read --as unnecessary--;
Line 30, "the atmosphere" should read --atmospheric--;
Line 33, "only" should read --only the--;
Line 46, "has" should read --have--; and
Line 52, "to provide" should read --of providing--;
Line 53, "from radiation" should read --to radiate--;

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
(212) 218-2100 - Telephone
(212) 218-2200 - Facsimile

PATENT NO. US 6,917,146 B1

No. of add'l. copies
@ 30¢ per page

SEP 05 2005



Staple
Here
Only!

PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,917,146 B1

DATED : July 12, 2005

INVENTOR(S) : TAIKO MOTOI ET AL.

Page 6 of 10

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Line 54, "of" (first occurrence) should read --off--; and "to direction" should read --in the direction--;

Line 55, "cause to act as electrode" should read --cause it to act as an electrode--;

Line 57, "bombarding" should read --bombarding--; and

Line 60, "surface of" (first occurrence) should be deleted.

COLUMN 17

Line 19, "outline" should read --the outline--;

Line 20, "especially" should be deleted; and

Line 67, "each" should be deleted.

COLUMN 18

Line 3, "passing-" should read --pass---;

Line 45, "with acetone," should read --the substrate in which electrodes have been formed with acetone,--; and "the substrate in" should be deleted; and

Line 46, "which electrodes have been formed" should be deleted--.

COLUMN 19

Line 17, "Pas," should read --Pa,--;

Line 19, "which" should read --with--;

Line 20, "to" should be deleted;

Line 27, "which" should read --with--;

Line 28, "to" should be deleted;

Line 41, "to" should be deleted; and

Line 62, "it the" should read --it, the--.

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
(212) 218-2100 - Telephone
(212) 218-2200 - Facsimile

PATENT NO. US 6,917,146 B1

No. of add'l. copies
@ 30¢ per page

SEP 05 2005 →

Staple
Here
Only!

PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,917,146 B1

DATED : July 12, 2005

INVENTOR(S) : TAIKO MOTOI ET AL.

Page 7 of 10

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 20

Line 2, "of" should read --of the--;
Line 9, "obtain" should read --obtain a--;
Line 12, "of" should read --of the--;
Line 21, "have" should read --has--; and
Line 54, "produced, and" should read --produced and,--.

COLUMN 21

Line 40, "to" should be deleted;
Line 46, "pomp)," should read --pump),--; and
Line 62, ", and" should read --.--;
Line 63, "a" should read --A--;
Line 65, "displayed, then no" should read --displayed. No--;
Line 66, "not" should be deleted; and "place, highly" should read --place and highly--; and
Line 67, "stable" should read --a stable--.

COLUMN 22

Line 8, "reach" should read --reaches--;
Line 12, "to" should be deleted;
Line 17, "to" should be deleted; and
Line 22, "to" should be deleted--.

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
(212) 218-2100 - Telephone
(212) 218-2200 - Facsimile

PATENT NO. US 6,917,146 B1

No. of add'l. copies
@ 30¢ per page

Form PTO 1050 (Rev. 3-82)

544089v1

SEP 05 2005



Staple
Here
Only!

PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,917,146 B1

DATED : July 12, 2005

INVENTOR(S) : TAIKO MOTOI ET AL.

Page 8 of 10

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 23

Line 4, "with" should read --the substrate in which electrodes have been formed with--;
and "the substrate" should be deleted;
Line 5, "in which electrodes have been formed" should be deleted;
Line 39, "has" should read --is--; and
Line 40, "been" should read --being--;
Line 46, "to" should be deleted;
Line 50, "to" should be deleted; and
Line 58, "to" should be deleted.

COLUMN 24

Line 27, "in" should read --by--;
Line 28, "magnification," should read --magnification and--;
Line 29, "out" should read --that--;
Line 31, "it the" should read --it, that the--;
Line 32, "the level of" should be deleted; and
Line 34, "width" should read --the width--.

COLUMN 25

Line 23, "have" should read --has--; and
Line 24, "borderline" should read --the borderline of--.

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
(212) 218-2100 - Telephone
(212) 218-2200 - Facsimile

PATENT NO. US 6,917,146 B1

No. of add'l. copies
@ 30¢ per page

SEP 05 2005



Staple
Here
Only!

PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,917,146 B1

DATED : July 12, 2005

INVENTOR(S) : TAIKO MOTOI ET AL.

Page 9 of 10

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 27

Line 7, "in" should be deleted;
Line 11, "far, and a" should read --far. A--;
Line 14, "displayed, then no" should read --displayed. No--;
Line 15, "not" should be deleted; and "place, highly" should read --place and highly--;
Line 16, "stable" should read --a stable--;
Line 29, "which" should read --with--;
Line 30, "to" should be deleted;
Line 37, "to" should be deleted;
Line 50, "to" should be deleted;
Line 58, "time" should read --times--;
Line 61, "in" should be deleted;
Line 66, "portions where" should read --portions,--; and
Line 67, "it the" should read --it, that the--.

COLUMN 28

Line 1, "the level of" should be deleted;
Line 11, "not have not been able to be found out." should read --been found.--;
Line 33, "to be held" should be deleted;
Line 34, "not to save any necessary" should read --to exhibit less--; and
Line 57, "highly quality" should read --high quality--.

COLUMN 29

Line 62, "electrconductive" should read --electroconductive--.

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
(212) 218-2100 - Telephone
(212) 218-2200 - Facsimile

PATENT NO. US 6,917,146 B1

No. of add'l. copies
@ 30¢ per page

Form PTO 1050 (Rev. 3-82)

544089v1

SEP 05 2005



Staple
Here
Only!

PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,917,146 B1

DATED : July 12, 2005

INVENTOR(S) : TAIKO MOTOI ET AL.

Page 10 of 10

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 30

Line 2, "films;" should read --films; and--; and

Line 16, "gap;" should read --gap; and--.

COLUMN 32

Line 1, "thereof" should read --thereof,--;

Line 3, "and are" should read --are--; and

Line 6, "electoconductive" should read --electroconductive--.

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
(212) 218-2100 - Telephone
(212) 218-2200 - Facsimile

PATENT NO. US 6,917,146 B1

No. of add'l. copies
@ 30¢ per page

Form PTO 1050 (Rev. 3-82)

544089v1

SEP 05 2005



Staple
Here
Only!

PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,917,146 B1

DATED : July 12, 2005

INVENTOR(S) : TAIKO MOTOI ET AL.

Page 1 of 10

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

ON COVER PAGE AT (30) FOREIGN APPLICATION PRIORITY DATA

"Feb. 22, 1999 (JP) 11-0142908" should read --Feb. 22, 1999 (JP) 11-042908--.

ON COVER PAGE AT (56) FOREIGN PAGENT DOCUMENTS

"EP 0 701 265 3/1996" should read --EP 0 701 265 A1 3/1996--; and
"JP 0 701 265 A1 3/1996" should be deleted.

COLUMN 1

Line 21, "emission"," should read --Emission"--;
Line 22, "thin-film field emission" should read --Thin-film Field Emission--;
Line 23, "cathodes with molybdenium cones" should read --Cathodes with Molybdenum
Cones--; and
Line 26, "Mead", Operation" should read --Mead, "Operation--.

COLUMN 2

Line 5, "stable" should read --a stable--;
Line 7, "istics controllable on stable" should read --istics are controllable on a stable--;
Line 14, "being" should read --acting as--;
Line 15, "lighten" should read --cause--;
Line 21, "or" should read --or during--;
Line 25, "driving" should read --driving--;
Line 40, "circumstance," should read --circumstances--;
Line 48, "Further" should read --Further--; and
Line 66, "having." should read --being--.

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
(212) 218-2100 - Telephone
(212) 218-2200 - Facsimile

PATENT NO. US 6,917,146 B1

No. of add'l. copies
@ 30¢ per page

SEP 05 4000 →

Staple
Here
Only!

PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,917,146 B1

DATED : July 12, 2005

INVENTOR(S) : TAIKO MOTOI ET AL.

Page 2 of 10

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 3

Line 8, "covers" should read --cover--;
Line 28, "stable" should read --a stable--;
Line 30, "excellent" should read --are excellent--;
Line 34, "stable" should read --a stable--;
Line 44, "example of" should read --example--;
Line 48, "of" should be deleted; and
Line 49, "manufacturing" should read --a manufacturing--.

COLUMN 4

Line 15, "of" should read --of an--;
Line 25, "manufacturing" should read --the manufacturing--;
Line 44, "of" should read --of an--;
Line 47, "of" (first occurrence) should read --of an--; and
Line 53, "drawings" should read --drawings,--.

COLUMN 5

Line 59, "of approximate" should read --approximately--.

COLUMN 6

Line 13, "of" should be deleted;
Line 14, "approximate" should read --approximately--;
Line 19, "to heating" should read --to the heating--;
Line 27, "having" should be deleted;
Line 52, "having" should be deleted; and
Line 56, "where" should read --where the--.

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
(212) 218-2100 - Telephone
(212) 218-2200 - Facsimile

PATENT NO. US 6,917,146 B1

No. of add'l. copies
@ 30¢ per page

SEP 05 2006



Staple
Here
Only!

PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,917,146 B1

DATED : July 12, 2005

INVENTOR(S) : TAIKO MOTOI ET AL.

Page 3 of 10

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 7

Line 12, "on" should read --of--;
Line 13, "having been" should be deleted;
Line 31, "having" should be deleted;
Line 38, "to the" should be deleted;
Line 60, "further long" should read --longer--; and
Line 47, "does" should read --do--.

COLUMN 8

Line 6, "is" should read --is a--;
Line 7, "rations that" should read --ration in which--;
Line 13, "the both" should read --both--;
Line 14, "parties" should read --parts--; and "doe" should read --do--;
Line 40, "are" should read --is--;
Line 46, "this" should be deleted;
Line 47, "length" should read --a length"; and
Line 65, "have" should read --has--.

COLUMN 9

Line 11, "have" should read --has--;
Line 26, "inconveniences" should read --inconvenience--;
Line 31, "is" should read --are--;
Line 43, "using for example" should read --using, for example,--; and
Line 46, "costly" should read --a cost--.

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
(212) 218-2100 - Telephone
(212) 218-2200 - Facsimile

PATENT NO. US 6,917,146 B1

No. of add'l. copies
@ 30¢ per page

Staple
Here
Only!

PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,917,146 B1

DATED : July 12, 2005

INVENTOR(S) : TAIKO MOTOI ET AL.

Page 4 of 10

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 10

Line 26, "of for" should read --of, for--;
Line 27, "example" should read --example--; and "not-shown" should read --a not-shown--;
Line 29, "applying" should read --apply--;
Line 34, "continuous" should read --a continuous--;
Line 35, "having" should be deleted;
Line 36, "having" should be deleted;
Line 42, "of for example" should read --of, for example--;
Line 43, "ten" should read --tens of--; and "from" should read --form--;
Line 45, "can be" should read --can also be--;
Line 52, "for" should read --for the--;
Line 55, "resistant" should read --resistance--;
Line 57, "resistant" should read --resistance--;
Line 61, "form" should read --forms--;
Line 66, "acrylonitrile" should read --acrylonitrile--; and
Line 67, "to" should be deleted.

COLUMN 11

Line 57, "possible, but heating" should read --possible. Heating--; and
Line 67, "processing" should read --processing--.

COLUMN 12

Line 4, "feature" should read --features--;
Line 7, "etc. which absorbed" should read --etc., which is absorbed--;
Line 14, "is applicable" should be deleted;
Line 53, "drawing having schematically shown" should read --graph showing--; and
Line 64, "istic" should read --istics--.

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
(212) 218-2100 - Telephone
(212) 218-2200 - Facsimile

PATENT NO. US 6,917,146 B1

No. of add'l. copies
@ 30¢ per page



Staple
Here
Only!

PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,917,146 B1

DATED : July 12, 2005

INVENTOR(S) : TAIKO MOTOI ET AL.

Page 5 of 10

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 13

Line 51, "considering" should read --considering the--;
Line 53, "to" should be deleted;
Line 54, "micro meter" should read --micrometer--; and
Line 65, "in only the point" should read --only--.

COLUMN 14

Line 15, "ends each" should read --ends to each--; and
Line 65, "the both" should read --both--.

COLUMN 15

Line 5, "and," should read --and--; and "espe-" should be deleted;
Line 6, "cially" should be deleted;
Line 20, "from for example" should read --from, for example,--;
Line 47, "is" should read --are--;
Line 51, "to" should be deleted;
Line 54, "electron" should read --an electron--; and "emitted a" should read --emitted, a--;
and
Line 62, "source" should read --sources--.

COLUMN 16

Line 22, "thus" should be deleted;
Line 23, "unnecessary" should read --as unnecessary--;
Line 30, "the atmosphere" should read --atmospheric--;
Line 33, "only" should read --only the--;
Line 46, "has" should read --have--; and
Line 52, "to provide" should read --of providing--;
Line 53, "from radiation" should read --to radiate--;

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
(212) 218-2100 - Telephone
(212) 218-2200 - Facsimile

PATENT NO. US 6,917,146 B1

No. of add'l. copies
@ 30¢ per page

SEP 05 2005



Staple
Here
Only!

PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,917,146 B1

DATED : July 12, 2005

INVENTOR(S) : TAIKO MOTOI ET AL.

Page 6 of 10

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Line 54, "of" (first occurrence) should read --off--; and "to direction" should read --in the direction--;

Line 55, "cause to act as electrode" should read --cause it to act as an electrode--;

Line 57, "bomboring" should read --bombarding--; and

Line 60, "surface of" (first occurrence) should be deleted.

COLUMN 17

Line 19, "outline" should read --the outline--;

Line 20, "especially" should be deleted; and

Line 67, "each" should be deleted.

COLUMN 18

Line 3, "passing-" should read --pass---;

Line 45, "with aceton," should read --the substrate in which electrodes have been formed with acetone,--; and "the substrate in" should be deleted; and

Line 46, "which electrodes have been formed" should be deleted--.

COLUMN 19

Line 17, "Pas," should read --Pa,--;

Line 19, "which" should read --with--;

Line 20, "to" should be deleted;

Line 27, "which" should read --with--;

Line 28, "to" should be deleted;

Line 41, "to" should be deleted; and

Line 62, "it the" should read --it, the--.

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
(212) 218-2100 - Telephone
(212) 218-2200 - Facsimile

PATENT NO. US 6,917,146 B1

No. of add'l. copies
@ 30¢ per page



Staple
Here
Only!

PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,917,146 B1

DATED : July 12, 2005

INVENTOR(S) : TAIKO MOTOI ET AL.

Page 7 of 10

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 20

Line 2, "of" should read --of the--;
Line 9, "obtain" should read --obtain a--;
Line 12, "of" should read --of the--;
Line 21, "have" should read --has--; and
Line 54, "produced, and" should read --produced and,--.

COLUMN 21

Line 40, "to" should be deleted;
Line 46, "pomp)," should read --pump),--; and
Line 62, ", and" should read --.--;
Line 63, "a" should read --A--;
Line 65, "displayed, then no" should read --displayed. No--;
Line 66, "not" should be deleted; and "place, highly" should read --place and highly--; and
Line 67, "stable" should read --a stable--.

COLUMN 22

Line 8, "reach" should read --reaches--;
Line 12, "to" should be deleted;
Line 17, "to" should be deleted; and
Line 22, "to" should be deleted--.

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
(212) 218-2100 - Telephone
(212) 218-2200 - Facsimile

PATENT NO. US 6,917,146 B1

No. of add'l. copies
@ 30¢ per page

SEP 05 2005



Staple
Here
Only!

PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,917,146 B1

DATED : July 12, 2005

INVENTOR(S) : TAIKO MOTOI ET AL.

Page 8 of 10

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 23

Line 4, "with" should read --the substrate in which electrodes have been formed with--;
and "the substrate" should be deleted;
Line 5, "in which electrodes have been formed" should be deleted;
Line 39, "has" should read --is--; and
Line 40, "been" should read --being--;
Line 46, "to" should be deleted;
Line 50, "to" should be deleted; and
Line 58, "to" should be deleted.

COLUMN 24

Line 27, "in" should read --by--;
Line 28, "magnification," should read --magnification and--;
Line 29, "out" should read --that--;
Line 31, "it the" should read --it, that the--;
Line 32, "the level of" should be deleted; and
Line 34, "width" should read --the width--.

COLUMN 25

Line 23, "have" should read --has--; and
Line 24, "borderline" should read --the borderline of--.

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
(212) 218-2100 - Telephone
(212) 218-2200 - Facsimile

PATENT NO. US 6,917,146 B1

No. of add'l. copies
@ 30¢ per page

Form PTO 1050 (Rev. 3-82)

544089v1

SEP 05 2005



Staple
Here
Only!

PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,917,146 B1

DATED : July 12, 2005

INVENTOR(S) : TAIKO MOTOI ET AL.

Page 9 of 10

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 27

Line 7, "in" should be deleted;
Line 11, "far, and a" should read --far. A--;
Line 14, "displayed, then no" should read --displayed. No--;
Line 15, "not" should be deleted; and "place, highly" should read --place and highly--;
Line 16, "stable" should read --a stable--;
Line 29, "which" should read --with--;
Line 30, "to" should be deleted;
Line 37, "to" should be deleted;
Line 50, "to" should be deleted;
Line 58, "time" should read --times--;
Line 61, "in" should be deleted;
Line 66, "portions where" should read --portions,--; and
Line 67, "it the" should read --it, that the--.

COLUMN 28

Line 1, "the level of" should be deleted;
Line 11, "not have not been able to be found out." should read --been found.--;
Line 33, "to be held" should be deleted;
Line 34, "not to save any necessary" should read --to exhibit less--; and
Line 57, "highly quality" should read --high quality--.

COLUMN 29

Line 62, "electroconductive" should read --electroconductive--.

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
(212) 218-2100 - Telephone
(212) 218-2200 - Facsimile

PATENT NO. US 6,917,146 B1

No. of add'l. copies
@ 30¢ per page

SEP 05 2005



Staple
Here
Only!

PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,917,146 B1

DATED : July 12, 2005

INVENTOR(S) : TAIKO MOTOI ET AL.

Page 10 of 10

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 30

Line 2, "films;" should read --films; and--; and
Line 16, "gap;" should read --gap; and--.

COLUMN 32

Line 1, "thereof" should read --thereof,--;
Line 3, "and are" should read --are--; and
Line 6, "electoconductive" should read --electroconductive--.

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
(212) 218-2100 - Telephone
(212) 218-2200 - Facsimile

PATENT NO. US 6,917,146 B1

No. of add'l. copies
@ 30¢ per page

Form PTO 1050 (Rev. 3-82)

544089v1

SEP 05 2005

